



NU DASMARIÑAS

GESTS01X- Science, Technology & Society

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Week 1B – SDG's

GESTS01X- Science, Technology & Society

Learning Outcomes

At the end of the lesson student should be able to:

1. Know the different Sustainable Development Goals (SDGs)
2. Engage with issues related to sustainability in the SDGs
3. Act responsibly for environmental integrity, economic viability and a just society for present and future generations.

About Sustainable Development Goals (SDGs)

On 25 September 2015, the UN General Assembly adopted the 2030 Agenda for Sustainable Development (UN, 2015). This new global framework to redirect humanity towards a sustainable path was developed following the United Nations Conference on Sustainable Development (Rio+20) in Rio de Janeiro, Brazil in June 2012, in a three-year process involving UN Member States, national surveys engaging millions of people and thousands of actors from all over the world.



About Sustainable Development Goals (SDGs)

At the core of the 2030 Agenda are 17 Sustainable Development Goals (SDGs). The universal, transformational and inclusive SDGs describe major development challenges for humanity. The aim of the 17 SDGs is to secure a sustainable, peaceful, prosperous and equitable life on earth for everyone now and in the future.

For the goals to be reached, everyone needs to do their part: governments, the private sector, civil society and every human being across the world. Governments are expected to take ownership and establish national frameworks, policies and measures for the implementation of the 2030 Agenda.

About Sustainable Development Goals (SDGs)

A key feature of the 2030 Agenda for Sustainable Development is its universality and indivisibility. It addresses all countries – from the Global South and the Global North – as target countries. All countries subscribing to the 2030 Agenda are to align their own development efforts with the aim of promoting prosperity while protecting the planet in order to achieve sustainable development. Thus, with respect to the SDGs, all countries can be considered as developing and all countries need to take urgent action.

How the UN is supporting The Sustainable Development Goals in Philippines?

The UN is a staunch partner of the Philippine Government for achieving national development goals and the 2030 Agenda, including the 17 Sustainable Development Goals (SDGs). The Partnership Framework for Sustainable Development (PFSD) supports the national long term vision and maps directly and indirectly into Philippine Development Plan (PDP) priorities, organizing its strategic contributions through a 2030 Agenda lens into three pillars: **“People”, “Prosperity and Planet”, and “Peace.”** It builds on decades of close cooperation between the Philippines and the United Nations for the achievement of national and global development objectives, focusing on areas where the capacities of the UN, when working across mandates, will have the greatest impact to leave no one behind. As an initial investment in the longer-term UN support to 2030 Agenda, it recognizes the strengths and capacities of the Philippine government and focuses on historically challenging areas that are foundational to SDGs to complement Philippines-led efforts towards acceleration.



The Sustainable Development Goals in Philippines



End poverty in all its forms everywhere.

Goal Targets:

- By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day
- By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions
- Implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable

End hunger, achieve food security and improve nutrition and promote sustainable agriculture.



Goal Targets:

- By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, to safe, nutritious and sufficient food all year round.
- By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons.
- By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment.

Ensure healthy lives and promote well-being for all at all ages.



Goal Targets:

- By 2030, reduce the global maternal mortality ratio to less than 70 per 100,000 live births.
- By 2030, end preventable deaths of newborns and children under 5 years of age, with all countries aiming to reduce neonatal mortality to at least as low as 12 per 1,000 live births and under-5 mortality to at least as low as 25 per 1,000 live births.
- By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases.

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.



Goal Targets:

- By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and Goal-4 effective learning outcomes
- By 2030, ensure that all girls and boys have access to quality early childhood development, care and preprimary education so that they are ready for primary education
- By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university

Achieve gender equality and empower all women and girls.



Goal Targets:

- End all forms of discrimination against all women and girls everywhere
- Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation
- Eliminate all harmful practices, such as child, early and forced marriage and female genital mutilation

Ensure availability and sustainable management of water and sanitation for all.



Goal Targets:

- By 2030, achieve universal and equitable access to safe and affordable drinking water for all
- By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations
- By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally



Ensure access to affordable, reliable, sustainable and modern energy for all.

Goal Targets:

- By 2030, ensure universal access to affordable, reliable and modern energy services
- By 2030, increase substantially the share of renewable energy in the global energy mix
- By 2030, double the global rate of improvement in energy efficiency

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.



Goal Targets:

- Sustain per capita economic growth in accordance with national circumstances and, in particular, at least 7 per cent gross domestic product growth per annum in the least developed countries
- Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors
- Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services

Build resilient infrastructure, promote sustainable industrialization and foster innovation.



Goal Targets:

- Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all
- Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries
- Increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets



Reduced inequality within and among countries.

Goal Targets:

- By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a rate higher than the national average
- By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status
- Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard

Make cities and human settlements inclusive, safe, resilient and sustainable.



Goal Targets:

- By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums
- By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons
- By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries



Ensure sustainable consumption and production patterns.

Goal Targets:

- Implement the 10-year framework of programs on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries
- By 2030, achieve the sustainable management and efficient use of natural resources
- By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses



Take urgent action to combat climate change and its impacts.

Goal Targets:

- Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries
- Integrate climate change measures into national policies, strategies and planning
- Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning



Conserve and sustainably use the oceans, seas and marine resources for sustainable development.

Goal Targets:

- By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution
- By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans
- Minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels

Protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.



Goal Targets:

- By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements
- By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally
- By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world



Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.

Goal Targets:

- Significantly reduce all forms of violence and related death rates everywhere
- End abuse, exploitation, trafficking and all forms of violence against and torture of children
- Promote the rule of law at the national and international levels and ensure equal access to justice for all

Strengthen the means of implementation and revitalize the global partnership for sustainable development.



Goal Targets:

- Strengthen domestic resource mobilization, including through international support to developing countries, to improve domestic capacity for tax and other revenue collection
- Developed countries to implement fully their official development assistance commitments, including the commitment by many developed countries to achieve the target of 0.7 per cent of ODA/GNI to developing countries and 0.15 to 0.20 per cent of ODA/GNI to least developed countries ODA providers are encouraged to consider setting a target to provide at least 0.20 per cent of ODA/GNI to least developed countries
- Mobilize additional financial resources for developing countries from multiple sources



Sustainable Development Report- 2021- Philippines

PHILIPPINES

East and South Asia

OVERALL PERFORMANCE

COUNTRY RANKING

Philippines

103 /165

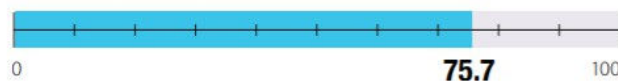
COUNTRY SCORE



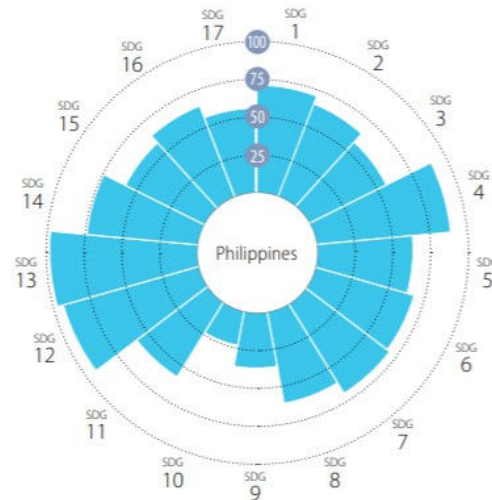
REGIONAL AVERAGE: 65.7

STATISTICAL PERFORMANCE INDEX

0 (WORST) TO 100 (BEST)



AVERAGE PERFORMANCE BY SDG



SDG DASHBOARDS AND TRENDS

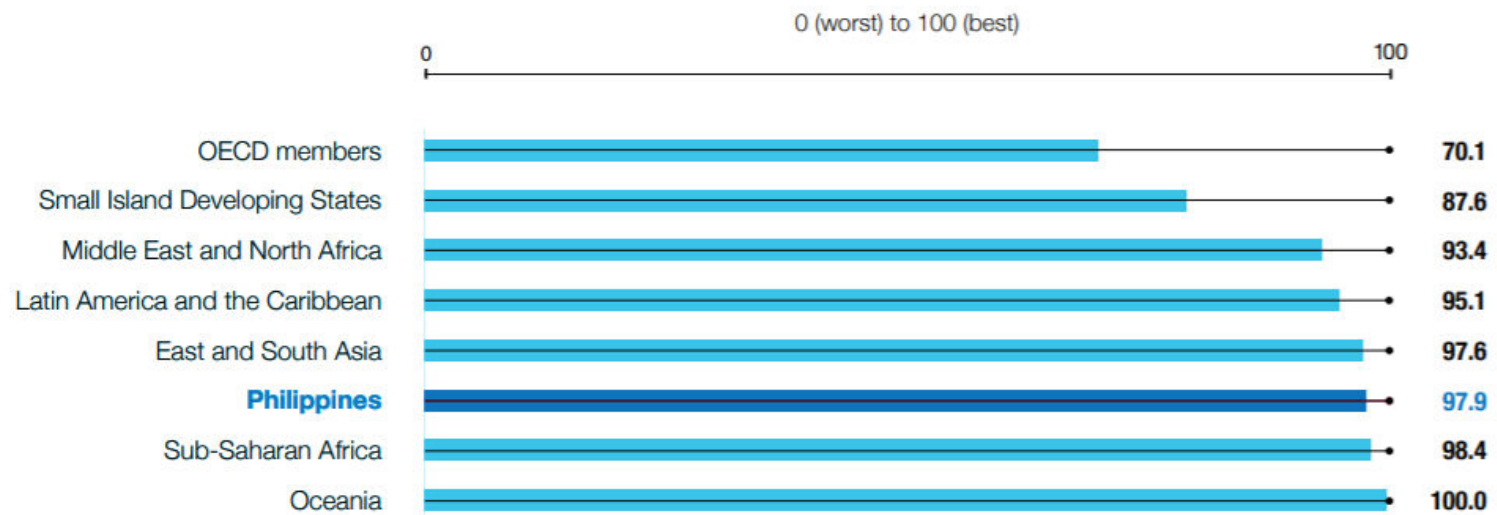


■ Major challenges
 ■ Significant challenges
 ■ Challenges remain
 ■ SDG achieved
 ■ Information unavailable
↓ Decreasing
→ Stagnating
↗ Moderately improving
↑ On track or maintaining SDG achievement
● Information unavailable

Notes: The full title of Goal 2 "Zero Hunger" is "End hunger, achieve food security and improved nutrition and promote sustainable agriculture".
 The full title of each SDG is available here: <https://sustainabledevelopment.un.org/topics/sustainabledevelopmentgoals>



INTERNATIONAL SPILLOVER INDEX





“A little less conversation, a little more action”

- Erna Solberg
Prime Minister of Norway



**“Education is the most powerful
weapon to change the world”**

- Nelson Mandela
President of South Africa
1994-1999

References

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Thank you